Renewals of Active Grants Approved November 1957 - Cont'd.

#12R2 - B. L. Freedlander, M.D., Director of Cancer Research, Mount Zion Hospital, San Francisco 15, California. "Experiments on the Carcinogenic and Cocarcinogenic Action of Tobacco Products."
$2,000.00 - Pro rata extension to March 1, 1958.

#29BR2 -F. Homburger, M.D., President, Bio-Research Institute, Inc., Cambridge 41, Mass. "A Study on the Effects of Various Components of Tobacco and Cigarette Paper Upon the Behavior of Transplantable Tumors."
$25,760.00 - One year

#50R2 - Pathologic-Anatomic Study of Cellular Changes in Human Lungs.
$1,500.00 - Supplement. For further study of data obtained under the original P.A.S. grant.

#80R3 - Fellowship Program for 1958
$36,900.00. This amount includes balance of $1,900.00 from last year's program. - One year

#134BR1-C. M. Pomerat, Ph.D., Professor of Cytology, The University of Texas - Medical Branch, Galveston, Texas. "Tissue Culture Studies of Human Lung."
$12,020.00 - One year

#137R1 -Samuel Bellet, M.D., Director, Division of Cardiology, Philadelphia General Hospital, Philadelphia 4, Pennsylvania. "Cardiovascular Effects of Smoking and of Nicotine in Experimental Animals and in Human Subjects."
$7,770.00 - One year

#142R1 -Paul D. Saltman, Ph.D., Assistant Professor, Department of Biochemistry and Nutrition, University of Southern California, Los Angeles 7, California. "Some Aspects of Amino Acid Metabolism in Tobacco Leaves."
$7,560.00 - One year

Renewals of Active Grants Approved February 1958

#24R2 - H. B. Haag, M.D., Professor of Pharmacology, Medical College of Virginia, Richmond 19, Virginia. "Abstracting and Classifying the Literature on the Biologic Effects of Tobacco."
$7,254.00 - One year

#50R2 - Pathologic-Anatomic Study of Cellular Changes in Human Lungs.
$750.00 - Addition to supplement approved November 1957. For further study of data obtained under the original P.A.S. grant.

1003537523

Source: https://www.industrydocuments.ucsf.edu/docs/knll0000

Renewals of Active Grants Approved February 1958

#91R3 - Richard J. Bing, M.D., Professor of Medicine, Washington University Medical Service, Veterans Administration Hospital, St. Louis 6, Mo. "The Effect of Smoking on the Coronary Blood Flow and Certain Phases of Myocardial Metabolism in Patients with Arteriosclerotic or Hypertensive Cardiovascular Disease."
$14,870.00 - One year

#128R2 -Paul S. Larson, Ph.D., Professor of Pharmacology, Medical College of Virginia, Richmond 19, Virginia. "Enzymatic Transformations of Nicotine."
$28,287.00 - One year

Renewals of Active Grants Approved May 1958

#25R3 - Herbert R. Hawthorne, M.D., Chairman, Department of Surgery, Graduate School of Medicine, University of Pennsylvania, Philadelphia 46, Pa. "The Attempted Production of Pulmonary Neoplasms in Experimental Animals by Exposure of the Tracheo-Bronchial System to Tobacco Smoke."
$4,566.00 - One year

#117R2 -Victor Richards, M.D., Professor of Surgery, Stanford University School of Medicine, San Francisco 15, California. "A Comparative Study of the Effects of Whole and Fractionated Extracts of Cigarette Smoke and Those of Known Carcinogens on: 1. The Cytology and Nuclear DNA Content of Epidermis in Various Strains of Mice."
$19,000.00 - One year

#126R2 -James F. Bonner, Ph.D., Professor of Biology, California Institute of Technology, Pasadena, California. "Enzymatic Study of Methylation Reactions in Plant Tissue."
$10,005.00 - One year

#138R1 -Morton I. Grossman, Ph.D., M.D., Associate Clinical Professor of Medicine, University of California Medical Center, Los Angeles 24, California. "The Effect of Smoking on Certain Gastric Functions."
$8,400.00 - One year

#141R1 -Alvin I. Kosak, Ph.D., Associate Professor of Chemistry, New York University, Washington Square College, New York, N.Y. "The Isolation and Identification of Certain Lower-Boiling Components of Cigarette Smoke."
$6,038.00 - One year

#150R1 -John W. Eckstein, M.D., Assistant Professor, Department of Internal Medicine, College of Medicine, State University of Iowa, Iowa City, Iowa. "Responses of the Peripheral Veins in Man to the Intravenous Administration of Nicotine."
$2,430.00 - One year.

1003537524

Source: https://www.industrydocuments.ucsf.edu/docs/knll0000

Renewals of Active Grants Approved May 1958 - Cont'd.

#152R1 - Charles B. McCants, Ph.D., Department of Soils, School of Agriculture, North Carolina State College, Raleigh, North Carolina. "Arsenic Content of Soils and Absorption by the Tobacco Plant."
$3,000.00 - One year

#155R1 - Duane G. Wenzel, Ph.D., Professor of Pharmacology, The School of Pharmacy, University of Kansas, Lawrence, Kansas. "The Determination of the Chronic Effects of Orally Administered Nicotine on Serum Cholesterol and Phospholipids; the Electrocardiographic Response to Ergonovine; and the Vascular Pathology of Cholesterol-Fed Rabbits."
$7,705.00 - One year

#157R1 - R. H. Rigdon, M.D., Professor of Pathology, Director, Laboratory of Experimental Pathology, University of Texas - Medical Branch, Galveston, Texas. "Effect of Tobacco Tar on Respiratory Tract of the Duck."
$5,278.50 - One year

#158R1 - Tom G. Bowery, Ph.D., Pesticide Residue Laboratory, Chemistry Department, North Carolina State College, Raleigh, North Carolina. "TDE and Endrin Residues in Cigarette Smoke."
$4,000.00 - One year

#159R1 - Cecilie Leuchtenberger, Ph.D., Associate Professor of Cytology and Biology, Institute of Pathology, Western Reserve University, Cleveland 6, Ohio. "A Correlated Histological, Cytological and Cytochemical Study of the Tracheo-Bronchial Tree from Mice Exposed to Cigarette Smoke."
$21,703.12 - One year

[illegible] University of California Medical Center, Los Angeles 24,

1003537525

Source: https://www.industrydocuments.ucsf.edu/docs/knll0000

RECEIVED
JUL 24 1958
PHILIP MORRIS, INC.
RESEARCH & DEVELOPMENT
DEPT.

1003532526

Source: https://www.industrydocuments.ucsf.edu/docs/knll0000